

FEB 28 2006

**FAX TRANSMISSION****DATE:** February 28, 2006**PTO IDENTIFIER:** Application Number 10/563,084  
Patent Number**Inventor:** Stefan Langenbach et al.**MESSAGE TO:** US Patent and Trademark Office**FAX NUMBER:** (571) 273-8300**FROM:** EDWARDS ANGELL PALMER & DODGE LLP

Howard M. Gitten

**PHONE:** (954) 667-6130**Attorney Dkt. #:** 64726(45710)**PAGES (Including Cover Sheet):** 10**CONTENTS:** IDS (Citation) by Applicant (1 Reference) (1 page)  
Attached reference (5 pages)  
Information Disclosure Statement (2 pages)  
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**EDWARDS ANGELL PALMER & DODGE LLP**  
350 East Las Olas Boulevard, Fort Lauderdale, Florida 33301  
Telephone: (954) 727-2600 Facsimile: (954) 727-2601

PTO/SB/97 (09-04)

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Application No. (if known): 10/563,084

Attorney Docket No.: 64726(45710)

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*Priscilla Katon*  
(Priscilla Katon)

Docket No.: 64726(45710)  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Stefan Langenbach et al.

Application No.: 10/563,084

Confirmation No.: @@@

Filed: December 30, 2005

Art Unit: N/A

For: METHOD FOR CHANNEL ESTIMATION  
AND SYMBOL DETECTOR FOR  
OPTICAL RECEIVER

Examiner: Not Yet Assigned

**INFORMATION DISCLOSURE STATEMENT (IDS)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed within three months of the date of entry of the national stage of an international application as set forth in 37 CFR 1.491 (37 CFR 1.97(b)(2)).

A copy of only those references listed below is attached:

Other Documents
W. Sauer-Greff, A. Dittich, et al., "Adaptive Viterbi Equalizers For Nonlinear Channels", SIPCO, 2000, 25-29 -

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**BEST AVAILABLE COPY**

Application No.: 10/563,084

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Docket No.: 64726(45710)

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 04-1105, under Order No. 64726(45710). A duplicate copy of this paper is enclosed.

Dated: February 28, 2006

Respectfully submitted,

By 

Howard M. Gitten

Registration No.: 32,138

EDWARDS ANGELL PALMER & DODGE  
LLP350 East Las Olas Boulevard  
Fort Lauderdale, Florida 33301  
(954) 667-6130  
Attorneys/Agents For Applicant

PTO/SB/08a/b (07-05)

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Substitute for form 1449A/B/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		Application Number	10/563,084
		Filing Date	December 30, 2005
		First Named Inventor	Stefan Langenbach
		Art Unit	2611
		Examiner Name	Not Yet Assigned- Young T. Tse
Sheet	1	of	1
		Attorney Docket Number	64726(45710)

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>2</sup> -Number <sup>3</sup> -Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>4</sup>

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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	CA	W. Sauer, G. A. D. Smith, et al., "Adaptive Vector Equalizers for Nonlinear Channels", SIPCO, 2000, 25-29 -	

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Dated: February 28, 2006

Signature

*Priscilla Katon*  
(Priscilla Katon)

Examiner Signature	/Young Tse/	Date Considered	06/21/2009
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